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Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: [year=2008; month=2; day=14; hr=13; min=6; sec=46; ms=675;]

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Reviewer Comments:

<210> 99

<211> 5

<212> PRT

<213> Artificial

<220>

<223> Protein composition containing a beta-secretase inhibitor molecule

<220>

<221> MISC_FEATURE

<222> (2)..(3)

<223> Met and Val are linked via phenylstatine molecule

<400> 99

Val Met Val Ala Glu Phe

1 5

Please correct the total number of bases in <211> differs actual it is inserted is 5 but the number of bases counted are 6.

Application No: 09730329

Version No: 5.0

Input Set:**Output Set:****Started:** 2008-01-31 21:40:17.145**Finished:** 2008-01-31 21:40:20.825**Elapsed:** 0 hr(s) 0 min(s) 3 sec(s) 680 ms**Total Warnings:** 67**Total Errors:** 2**No. of SeqIDs Defined:** 101**Actual SeqID Count:** 101

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W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
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Input Set:

Output Set:

Started: 2008-01-31 21:40:17.145
Finished: 2008-01-31 21:40:20.825
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Total Warnings: 67
Total Errors: 2
No. of SeqIDs Defined: 101
Actual SeqID Count: 101

Error code	Error Description
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E 257	Invalid sequence data feature in <221> in SEQ ID (73)
E 331	Count of Protein differs from the <211> tag Input: 5 Calculated:

SEQUENCE LISTING

<110> John, Varghese
Sinha, Sukanto
Tung, Jay

<120> BETA-SECRETASE ENZYME COMPOSITIONS AND METHODS

<130> 015270-006460US

<140> 09730329

<141> 2000-12-04

<150> US 60/168,854

<151> 1999-12-02

<160> 101

<170> PatentIn version 3.3

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<213> Homo sapiens

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```

```

Leu Pro Ala His Gly Thr Gln His Gly Ile Arg Leu Pro Leu Arg Ser
          20           25           30

```

```

Gly Leu Gly Gly Ala Pro Leu Gly Leu Arg Leu Pro Arg Glu Thr Asp
          35           40           45

```

```

Glu Glu Pro Glu Glu Pro Gly Arg Arg Gly Ser Phe Val Glu Met Val
          50           55           60

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```

Asp Asn Leu Arg Gly Lys Ser Gly Gln Gly Tyr Tyr Val Glu Met Thr
          65           70           75           80

```

```

Val Gly Ser Pro Pro Gln Thr Leu Asn Ile Leu Val Asp Thr Gly Ser
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```

```

Ser Asn Phe Ala Val Gly Ala Ala Pro His Pro Phe Leu His Arg Tyr
          100          105          110

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Leu	Val	Ser	Ile	Pro	His	Gly	Pro	Asn	Val	Thr	Val	Arg	Ala	Asn	Ile	145	150	155	160
Ala	Ala	Ile	Thr	Glu	Ser	Asp	Lys	Phe	Phe	Ile	Asn	Gly	Ser	Asn	Trp	165	170	175	
Glu	Gly	Ile	Leu	Gly	Leu	Ala	Tyr	Ala	Glu	Ile	Ala	Arg	Pro	Asp	Asp	180	185	190	
Ser	Leu	Glu	Pro	Phe	Phe	Asp	Ser	Leu	Val	Lys	Gln	Thr	His	Val	Pro	195	200	205	
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Glu	Trp	Tyr	Tyr	Glu	Val	Ile	Ile	Val	Arg	Val	Glu	Ile	Asn	Gly	Gln	260	265	270	
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Ala	Val	Lys	Ser	Ile	Lys	Ala	Ala	Ser	Ser	Thr	Glu	Lys	Phe	Pro	Asp	305	310	315	320
Gly	Phe	Trp	Leu	Gly	Glu	Gln	Leu	Val	Cys	Trp	Gln	Ala	Gly	Thr	Thr	325	330	335	

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Pro Val Glu Asp Val Ala Thr Ser Gln Asp Asp Cys Tyr Lys Phe Ala
370 375 380

Ile Ser Gln Ser Ser Thr Gly Thr Val Met Gly Ala Val Ile Met Glu
385 390 395 400

Gly Phe Tyr Val Val Phe Asp Arg Ala Arg Lys Arg Ile Gly Phe Ala
405 410 415

Val Ser Ala Cys His Val His Asp Glu Phe Arg Thr Ala Ala Val Glu
420 425 430

Gly Pro Phe Val Thr Leu Asp Met Glu Asp Cys Gly Tyr Asn Ile Pro
435 440 445

Gln Thr Asp Glu Ser Thr Leu Met Thr Ile Ala Tyr Val Met Ala Ala
450 455 460

Ile Cys Ala Leu Phe Met Leu Pro Leu Cys Leu Met Val Cys Gln Trp
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